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28 JUL 1945

ENEMY MATERIEL MEDICAL

Japanese Drugs and Medicines

Medical No. 5

CLASSIFICATION CHANGED	
TO	UNCLASSIFIED
AUTH.	EO 10501
DATE	15 Dec 53
Frank R. [Signature]	

HEADQUARTERS
UNITED STATES ARMY SERVICES OF SUPPLY
SOUTHWEST PACIFIC AREA

Office of the A.C. of S., G-2
5250th Technical Intelligence Composite Company
Separate (Provisional) Medical Section
APO 707

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Tetanus Antiserum

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In reference to enemy medical materiel described on page 216 of booklet "ENEMY MATERIEL MEDICAL - JAPANESE DRUGS AND MEDICINES, Medical No. 1", office of the A C of S, G-2, 5250 Technical Intelligence Composite Co, Sep (P), APO 707, this product was found in Manila in Japanese medical stores with labels on packages. The translation is as follows:

"Tetanus Antiserum" 7/11 1/17 mean Serum

"This blood purifier in a dry form is made from horse blood and in one ampoule there is 20 cc.

"This serum may be applied for treating men and animals as well.

"The best results are obtained when injection is made into the spine, although it may be subcutaneous or intravenous.

"In order to use this serum, it must be dissolved into liquid form.

"Following sketch and instructions attached herein, ampoule must be opened and 20 cc of boiled water added. The boiled water must not contain any bacilli.

"When serum is dissolved well, then syringe may be used and injection performed."

This translation substantiates previous laboratory work indicating the products to be dried horse globulin.

This method of preservation of biologics (freezing and drying) would require less refrigeration than native serum or concentrated sera in liquid form. This method of manufacture has been utilized extensively by the Japanese for serum products.

/s/ Harry E. Carnes
HARRY E. CARNES
Major, MC
Chief of Section

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